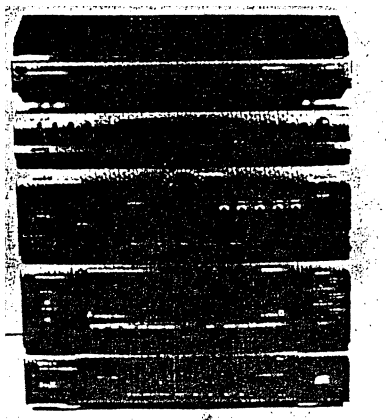
UHER Compact 1500CDC



AM/FM STEREO RECEIVER
CASSETTE PLAYER/RECORDER
3-DISC COMPACT DISC CHANGER
PHONO PLAYER

SPECIFICATIONS

Power Source	230V/50 Hz
Power Comsumption	85 Watts
Output Power	50W x2 (at 1% THD)

Tuner Section

Frequency Range	AM: 531-1602 kHz FM: 87.5-108 kHz
Intermediate Frequency	AM: 450 kHz FM: 10.7 MHz
Sensitivity	AM: 900 uV/M (at 1MHz) FM: 10 uV (at 98MHz)
Multiplex Separation	36 dB

Cassette Section

Tape Speed	1-7/8 ips (4.75 P.S.)
Frequency Response	125 Hz - 12.5 kHz
Wow & Flutter	0.1% WRMS

Amplifier Section

Total Harmonic Distortion (1 kHz)	0.1%
Signal To Noise Ratio	70 dB
Output Power (at 5% THD)	100W x 2

Compact Disc Player Section

Channel Separation (1 kHz)	50 dB
Total Harmonic Distortion	0.1%
Signal To Noise Ratio	70 dB

Phono Player Section

Speed (3 kHz 33 1/3 rpm)	+4%/-2%
Wow Flutter	0.5% WRMS

Dimensions	W= 420mm (16-1/2") H=385mm (15-1/8") D= 346mm (14-1/8")
Weight	13.8 kgs (30.36 lbs)

SERVICE PUBLICATION

Note: All the specifications and features are subject to change without notice

CD Adjustment

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The following steps should be performed before attempting adjustments to the CD section.

1. Remove the turntable by sliding the Guide Plate outward (See Fig. 7)
2. Disassembly the Base Cover by removing 2 screws (See Fig. 7)

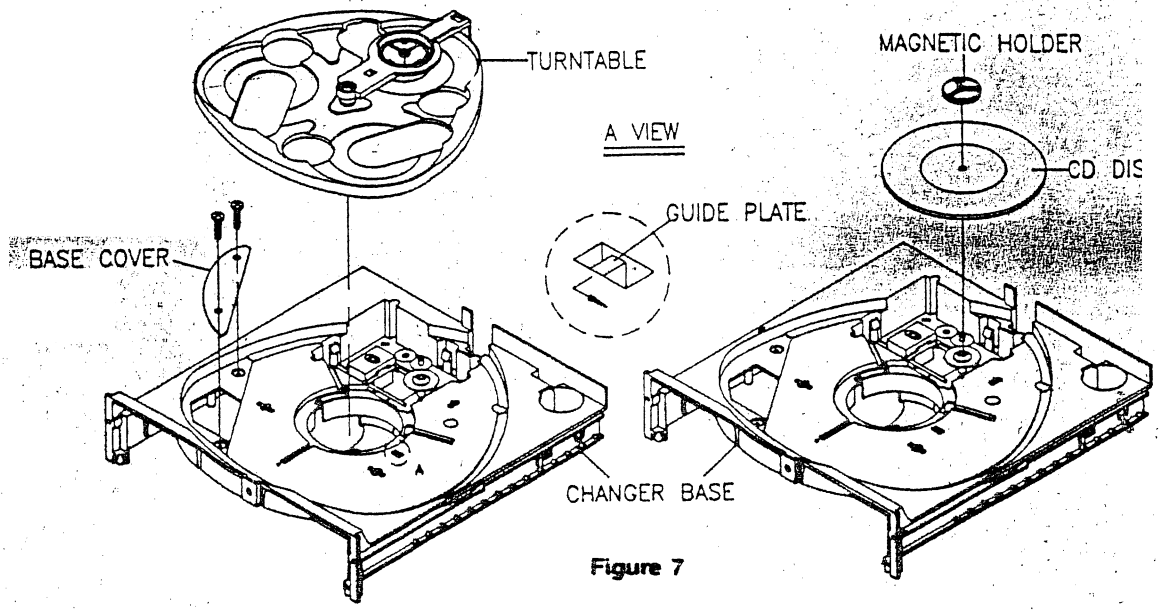


Figure 7

CAUTION:

The laser beam may always be active when the turntable is removed.
Use of controls for adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.

RF ADJUSTMENT

1. Connect CN08 to the power supply, insert CD test disc (SONY YEDS-7) into the player, held in place by a magnetic holder (See Fig. 7)
2. Connect RF test pin to CN15 and play a CD (See Fig. 8)
3. Adjust VR01 to obtain the maximum waveform (See Fig. 9)

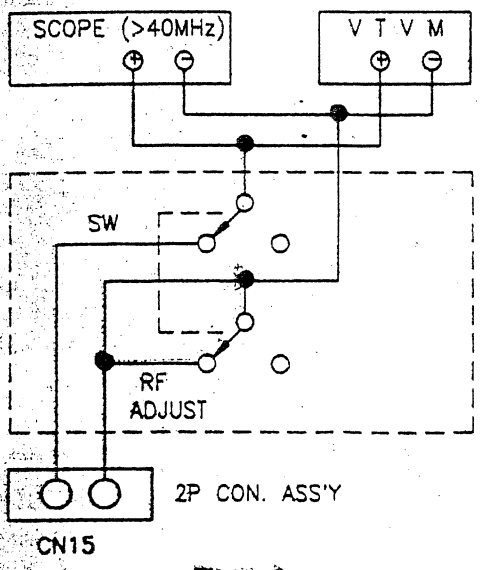


Figure 8

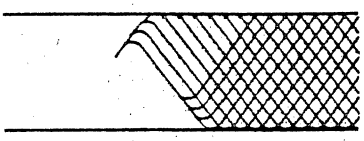
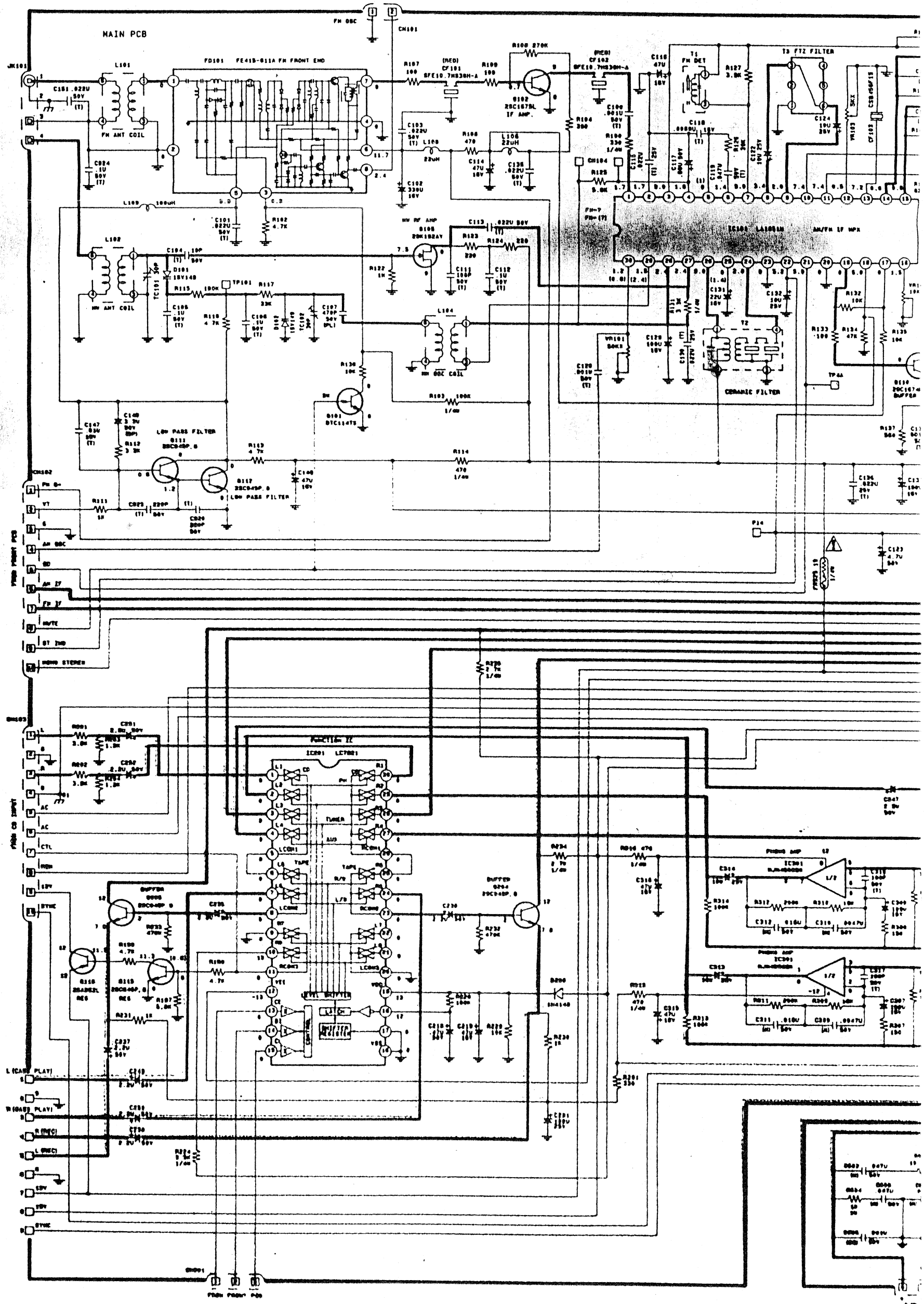


Figure 9

Schematic

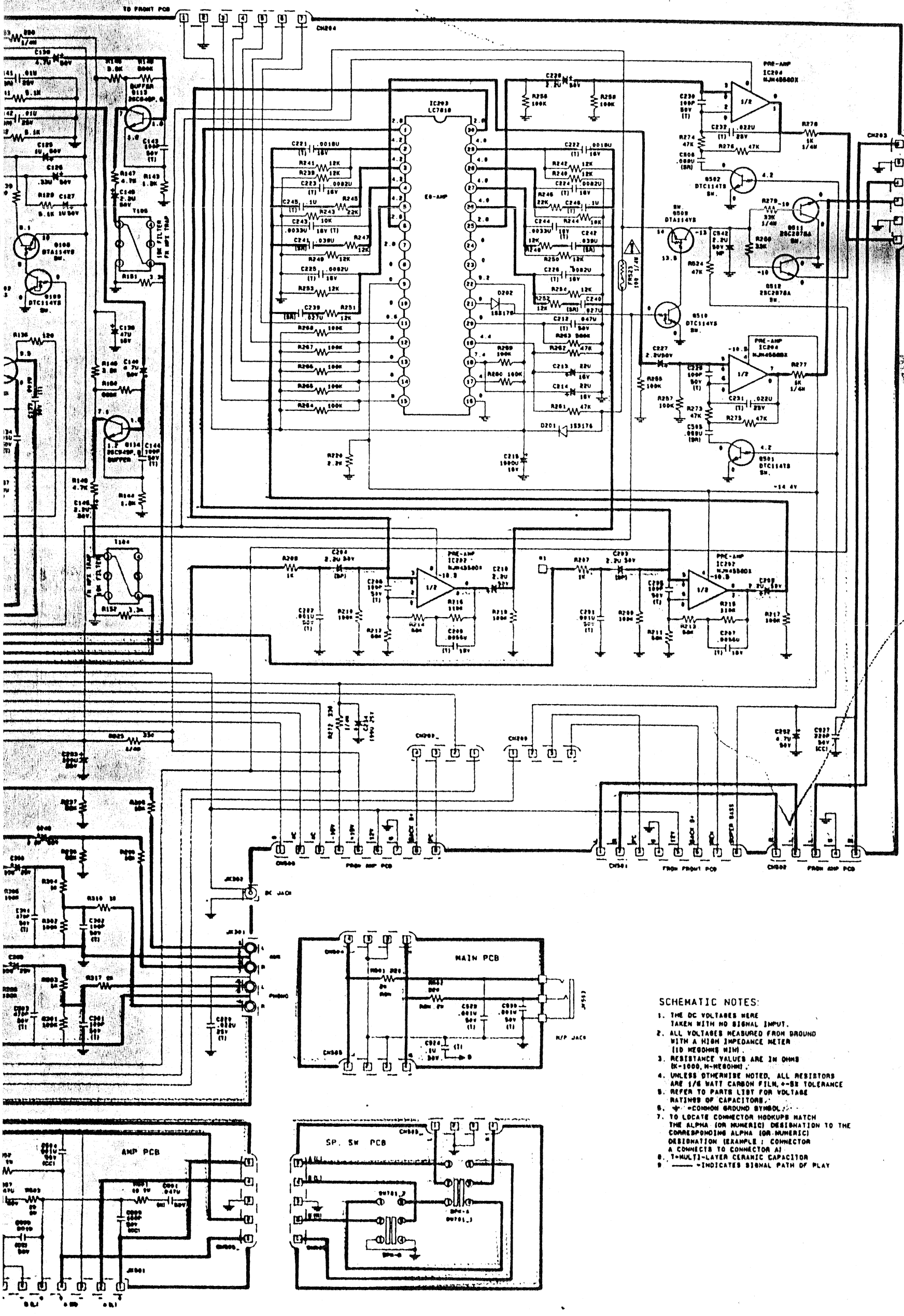
Model No. COMPACT 1500(



Diagram–Tuner

CDC

Model No. COMPACT 1500CDC



SCHEMATIC NOTES:

1. THE DC VOLTAGES WERE TAKEN WITH NO SIGNAL INPUT.
2. ALL VOLTAGES MEASURED FROM GROUND WITH A HIGH IMPEDANCE METER (10 MEGOHMS MIN).
3. RESISTANCE VALUES ARE IN OHMS (K=1000, M=MEGOHM).
4. UNLESS OTHERWISE NOTED, ALL RESISTORS ARE 1/6 WATT CARBON FILM, +-5% TOLERANCE
5. REFER TO PARTS LIST FOR VOLTAGE RATINGS OF CAPACITORS.
6. ⏚ =COMMON GROUND SYMBOL.
7. TO LOCATE CONNECTOR HOOKUPS MATCH THE ALPHA (OR NUMERIC) DESIGNATION TO THE CORRESPONDING ALPHA (OR NUMERIC) DESIGNATION (EXAMPLE : CONNECTOR A CONNECTS TO CONNECTOR A)
8. T=MULTI-LAYER CERAMIC CAPACITOR
9. ——— =INDICATES SIGNAL PATH OF PLAY

Schematic

Model No. COMPACT 1500(

FRONT PCB

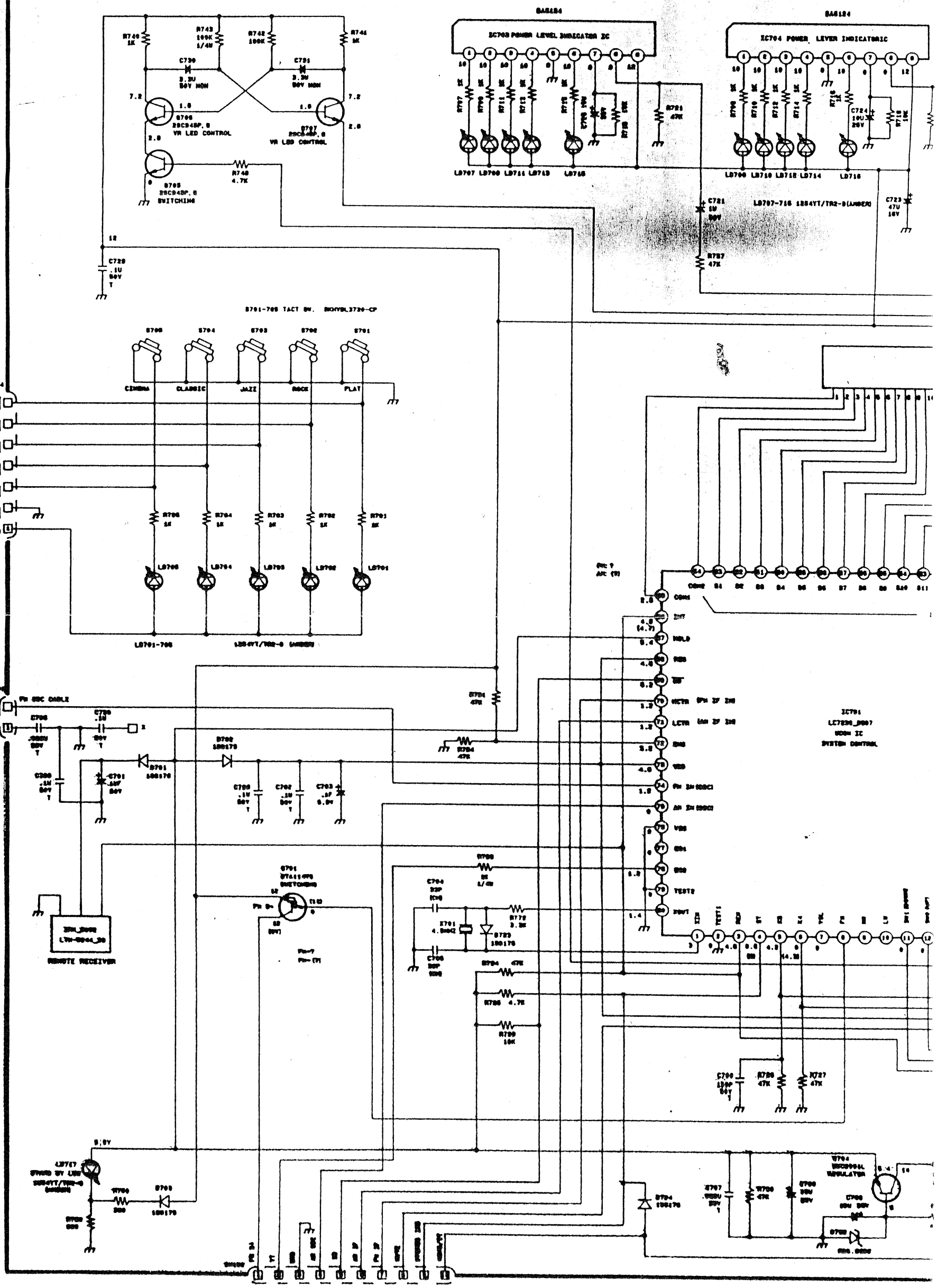
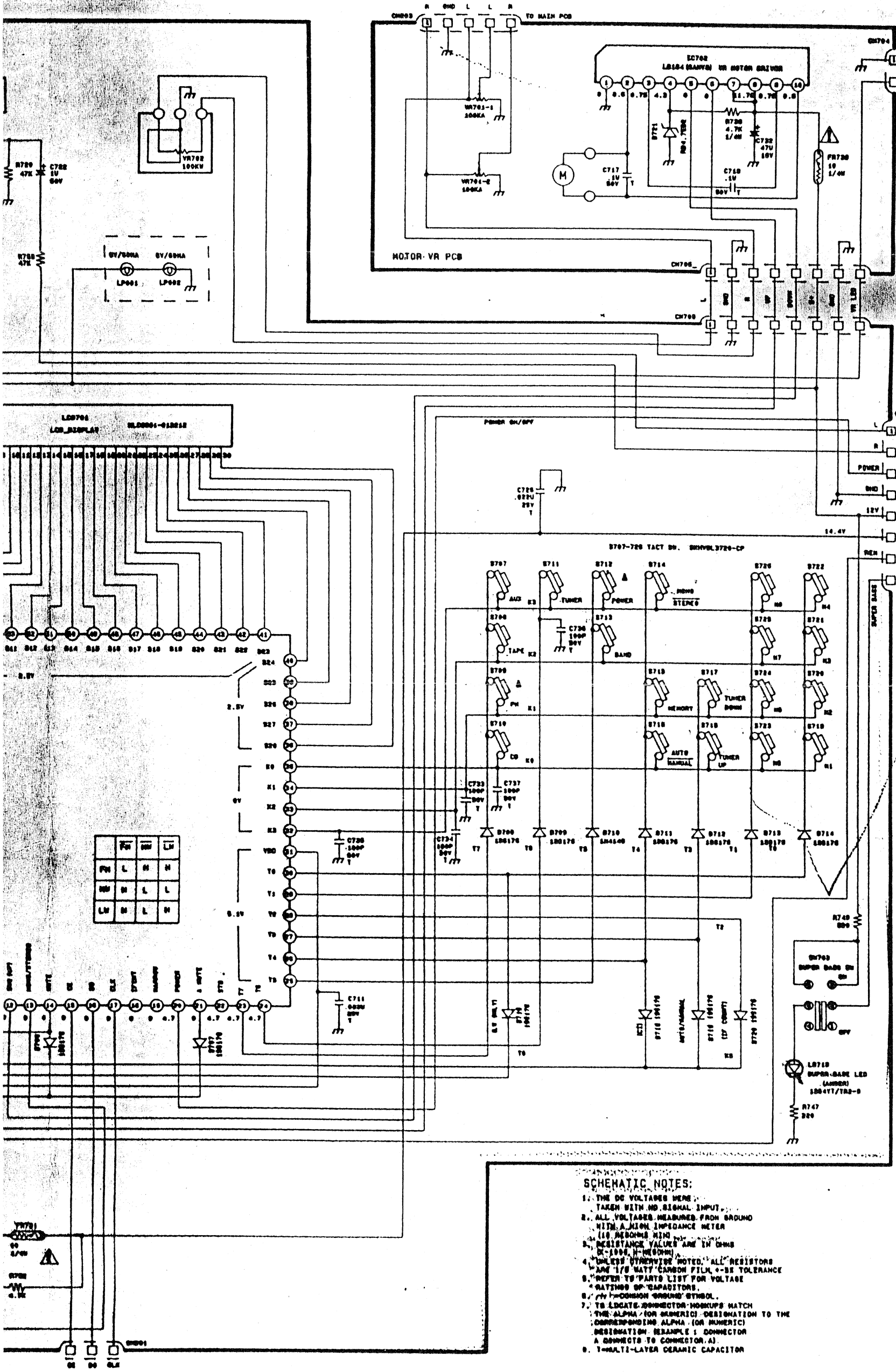


Diagram – Front

CDC

Model No. COMPACT 1500CDC



iagram–Amplifier

CDC

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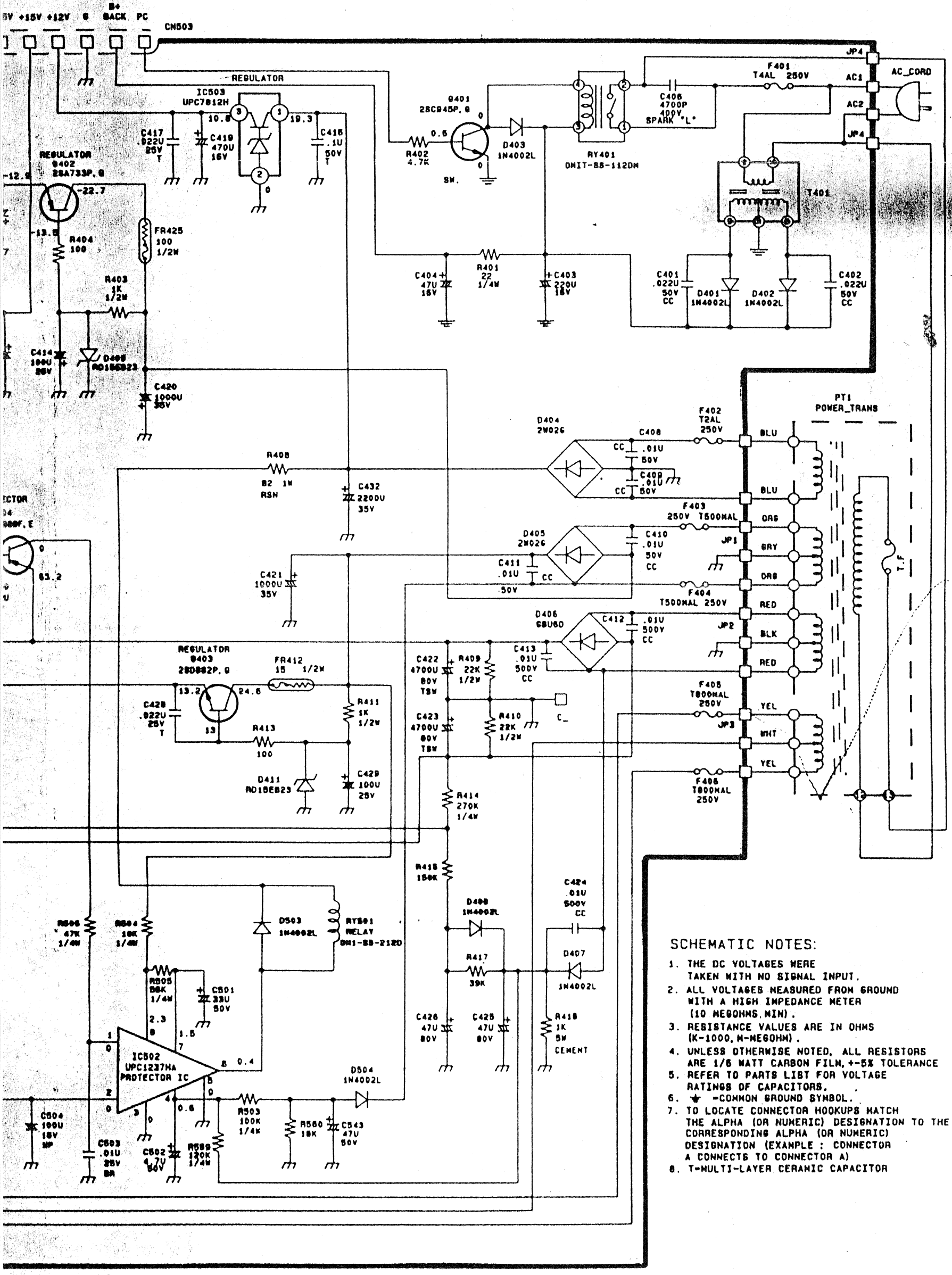

SCHEMATIC NOTES:

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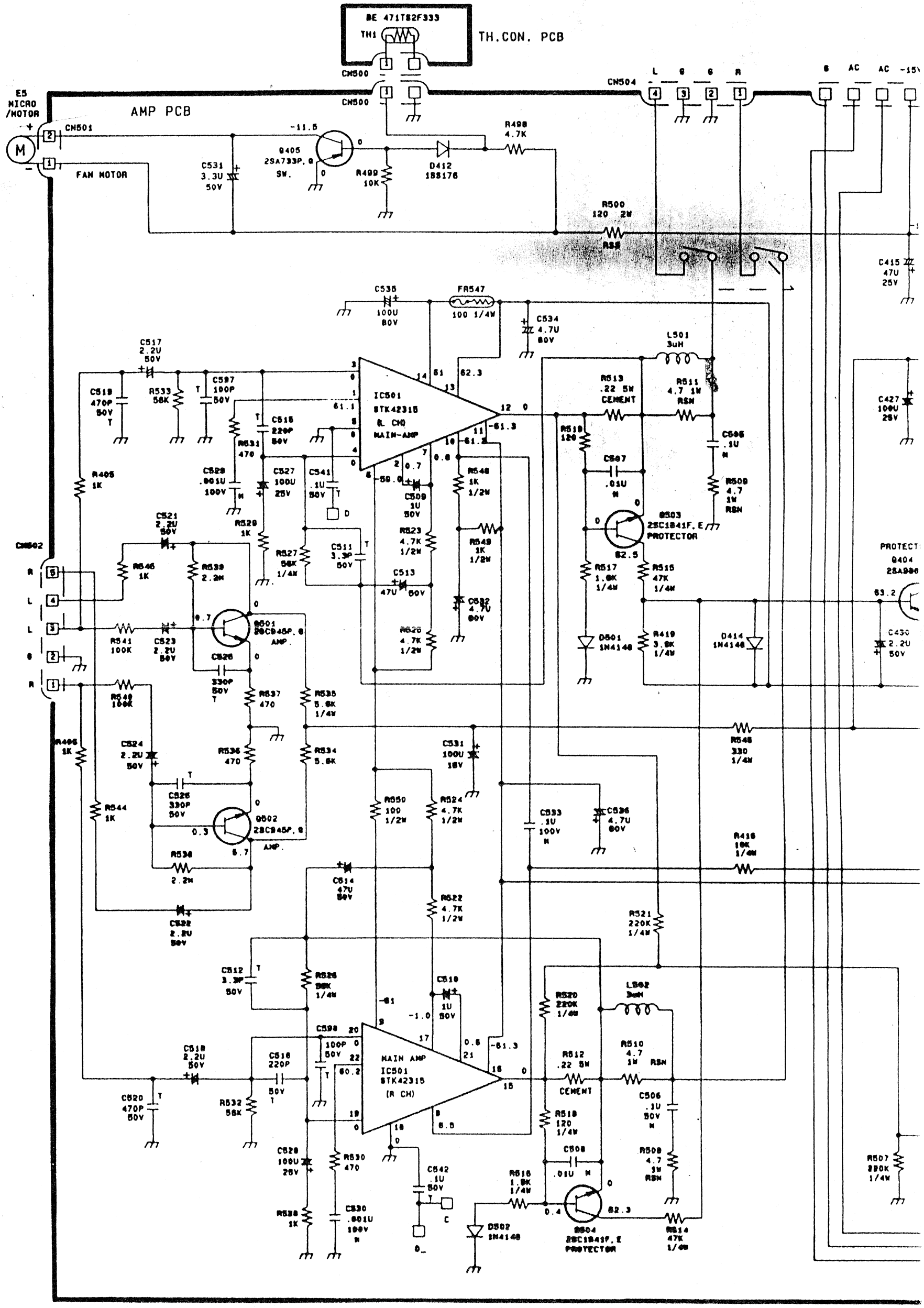
8. T=MULTI-LAYER CERAMIC CAPACITOR

Schematic Di

Model No. COMPACT 1500C



Schematic D

Model No. COMPACT 1500

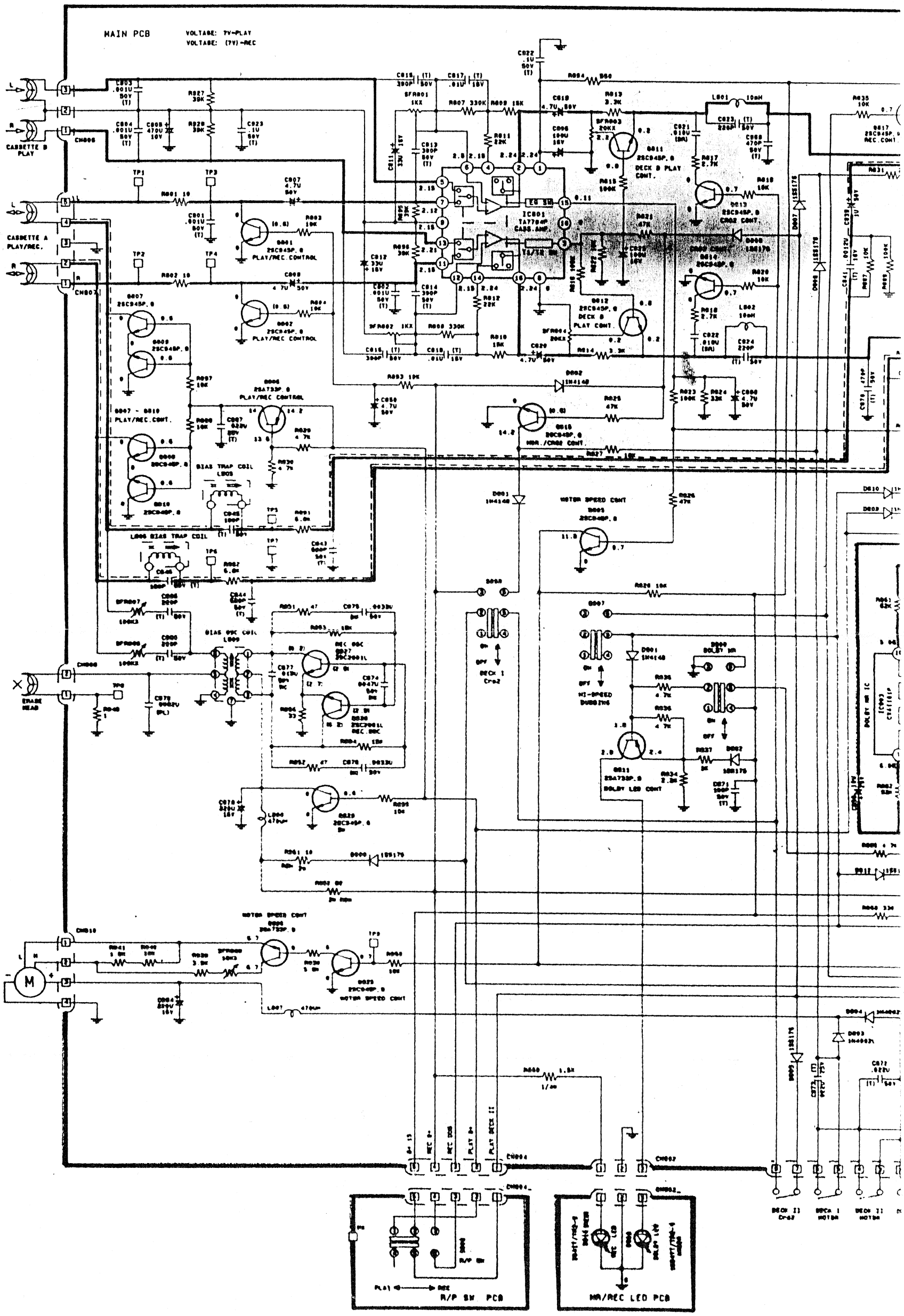
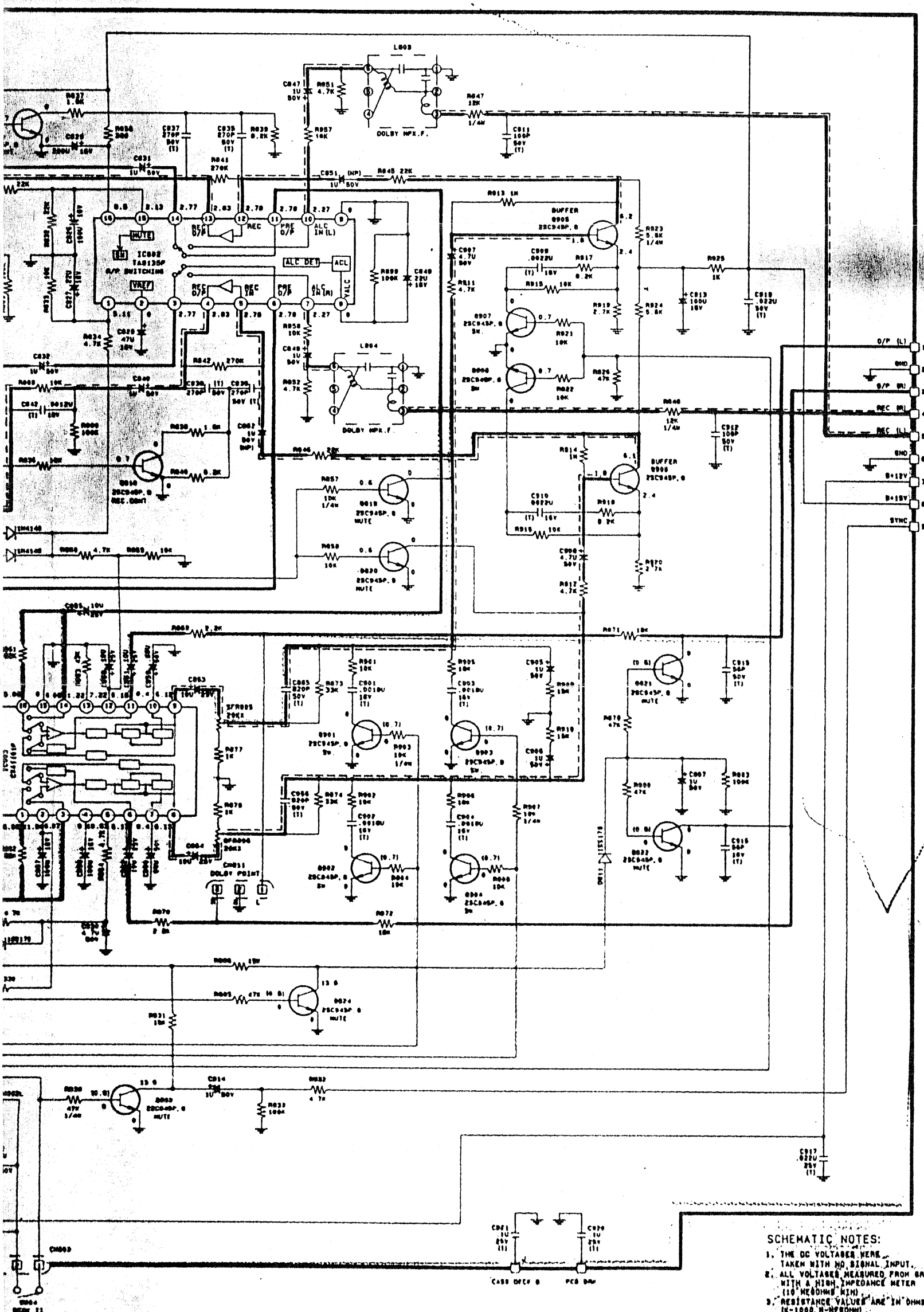


Diagram – Cassette

)CDC

Model No. COMPACT 1500CDC



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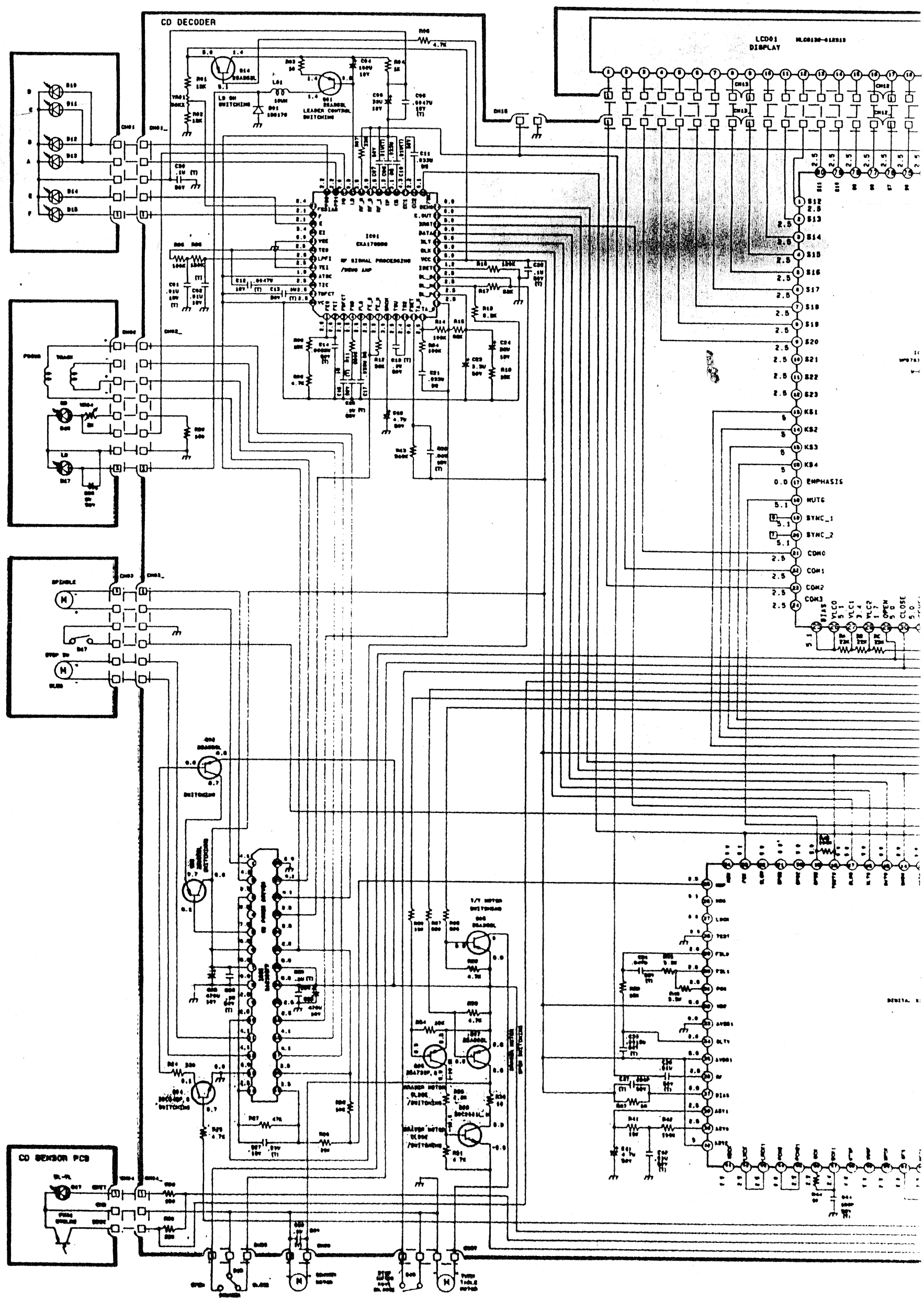
3. RESISTANCE VALUES ARE IN OHMS (K=1000, M=MEGOHM).
4. UNLESS OTHERWISE NOTED, ALL RESISTORS ARE 1/8 WATT CARBON FILM, +-5% TOLERANCE
5. REFER TO PARTS LIST FOR VOLTAGE RATINGS OF CAPACITORS.
6. ⏚ = COMMON GROUND SYMBOL.
7. TO LOCATE CONNECTOR HOOKUPS MATCH THE ALPHA (OR NUMERIC) DESIGNATION TO THE CORRESPONDING ALPHA (OR NUMERIC) DESIGNATION (EXAMPLE: CONNECTOR A CONNECTS TO CONNECTOR A)
8. ! = MULTI-LAYER CERAMIC CAPACITOR !.
9. ——— = INDICATES SIGNAL PATH OF PLAY.
10. — — — = INDICATES SIGNAL PATH OF RECORDING.

Schematic Diagr

Model No. COMPACT 1500CD



ram-CD Decoder

DC

Model No. COMPACT 1500CDC